PCB Residue Analysis Sept., 1972

Results are PPM.
Top number is wet weight; bottom number is lipid weight.

1.) Shoal Creek RCC 72-523

	No. Fish Used	Sample wt.	A-1242	A-1254	Total PCB
Hypentelium etowanum	4	12.5	—	—	—
Notropis stilbius	13	31.0	—	0.005 0.19	0.005 0.19
Notropis xaenurus	5	35.5	—	0.01 0.27	0.01 0.27
Campostoma anomalum	2	5.0	—	—	—
Lepomis megalotis	1	33.5	—	—	—
Lepomis macrochirus	1	5.0	—	—	—
Cottus carolinae	1	2.5	—	—	—

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2.) Choccolocco Creek at Hwy. 9 RCC 72-524

	No. Fish Used	Sample WT.	A-1242	A-1254	Total PCB
Hypentelium etowanum	3	9.0	—	—	—
Moxostoma erythrurum	2	46.0	—	—	—
Notropis trichroistius	13	17.5	—	—	—
Notropis stilbius	21	26.5	—	0.02 0.71	0.02 0.71
Campostoma anomalum	5	15.0	—	—	—
Lepomis macrochirus	10	29.0	—	—	—
Lepomis megalotis	4	15.0	—	0.03 1.20	0.03 1.20
Lepomis cyanellus	1	2.5	—	0.10 0.85	0.10 0.85
Cottus carolinae	7	18.0	—	—	—

3.) Choccolocco Creek at Martha H. Williams Bridge RDS 5307

	No. Fish Used	Sample wt.	A-1242	A-1254	Total PCB
Dorosoma cepedianum	1 Total wt. 87g.	25.0	4.80	5.40	10.20
			75.00	84.38	159.38
Notemigonus crysoleucas	2	18.0	0.72	2.50	3.22
			16.25	56.25	72.50
Carassius auratus	1 Total wt 304g	25.0	22.00	26.00	48.00
			366.67	433.33	800.00
Lepomis cyanellus	2	27.0	5.19	7.78	12.97
			140.00	210.00	350.00
Lepomis macrochirus	1	13.5	1.48	3.18	4.66
			28.57	61.43	90.00

4.) Choccolocco Creek at Hwy. 93 RDS 5305

	No. Fish Used	Sample wt.	A-1242	A-1254	Total PCB
Campostoma anomalum	6	23.0	2.04	1.61	3.65
			58.75	46.25	105.00
Notropis stilbius	100	33.5	3.13	6.27	9.40
			131.25	262.50	393.75
Notropis venustus	8	12.0	3.33	6.39	9.72
			66.67	127.78	194.45
Lepomis megalotis	1	14.5	1.04	3.10	4.14
			21.43	64.29	85.72

5.) Choccolocco Creek at Hwy. 77 Bridge RCC 72-525

	No. Fish Used	Sample wt.	A-1242	A-1254	Total PCB
Doiasoma cepedianum	1 Total wt. 40g	25.0	6.80 272.50	8.40 262.50	15.20 495.00
Lepomis macrochirus	8	20.0	0.75 25.00	1.70 56.67	2.45 81.67
Lepomis megalotis	6	26.5	2.08 68.75	5.47 181.25	7.55 250.00
Lepomis cyanellus	5	28.0	0.18 5.00	0.63 17.50	0.81 22.50
Micropterus salmoides	1	29.5	0.85 20.83	2.71 66.67	3.56 87.50
Notemigonus crysoleucas	5	16.0	0.11 3.00	0.29 7.83	0.40 10.83

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6.) Cheaha Creek RDS 5306

	No. Fish Used	Sample Wt.	A-1242	A-1254	Total PCB
Hypentelium etowanum	2	32.0	—	0.08	0.08
				2.21	2.21
Notropis stilbius	4	4.5	—	3.11	3.11
				35.00	35.00
Notropis xaenocephalus	8	8.5	0.22	0.86	1.08
			3.67	14.67	18.34
Campostoma anomalum	3	34.0	2.06	2.94	5.00
			63.64	90.91	154.55
Lepomis cyanellus	4	33.0	—	0.04	0.04
				2.15	2.15
Cottus carolinae	8	30.0	—	—	—
Micropterus coosae	5	25.0	—	0.03	0.03
				1.78	1.78

7.) Cane Creek RDS 5310

	No. Fish Used	Sample wt.	A-1242	A-1254	Total AB
Dorosoma cepedianum	1 Total wt. 42g	21.5	—	0.30 16.25	0.30 16.25
Hypentelium etowanum	1 Total wt. 49g	30.0	—	0.36 16.54	0.36 16.54
Campostoma anomalum	7	35.5	—	—	—
Lepomis macrochirus	4	34.0	—	0.04 0.96	0.04 0.96
Lepomis megalotis	2	28.0	—	0.04 1.28	0.04 1.28
Micropterus salmoides	1	5.5	—	0.05 0.50	0.05 0.50
Aplodinotus grunniens	1 Total wt. 295g	35.0	—	0.10 2.22	0.10 2.22

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8.) Aker Creek RDS 5309

	No. Fish Used	Sample Wt.	A-1242	A-1254	Total PCB
Hypentelium etowanum	6	11.5	—	—	—
Notropis venustus	5	34.0	—	0.06 2.36	0.06 2.36
Cyprinus carpio	1 Total wt: 346 g	30.0	—	—	—
Lepomis cyanellus	4	23.5	—	—	—
Lepomis megalotis	2	35.0	—	0.01 0.21	0.01 0.21
Ictalurus melas	1 Total wt: 57 g	26.0 1.1	—	—	—

9.) Coosa River at Stemley Bridge Acc 92-526

	No. Fish Used	Sample Wt.	A-1242	A-1254	Total PCB
Dorosoma cepedianum	1	32.0	0.78	2.14	2.92
			15.63	42.72	58.35
Notemigonus crysoleucas	2	24.0	—	0.31	0.31
				7.50	7.50
Lepomis macrochirus	8	19.5	0.04	0.15	0.19
			1.25	5.00	6.25
Lepomis megalotis	3	31.5	—	0.95	0.95
				33.33	33.33
Lepomis cyanellus	2	27.0	0.32	0.81	1.13
			8.50	22.00	30.50
Micropterus salmoides	3	13.5	—	0.24	0.24
				5.50	5.50
Micropterus punctulatus	11	31.0	—	0.87	0.87
				30.00	30.00

10.) Clear Creek RCC 72-527

	No. Fish Used	Sample wt.	A-1242	A-1254	Total PCB
Dorosoma cepedianum	1	7.0	0.15	0.20	0.35
			2.69	3.50	6.19
Notropis venustus	6	25.0	—	0.30	0.30
				10.71	10.71
Lepomis cyanellus	5	16.5	—	0.21	0.21
				7.00	7.00
Lepomis macrochirus	14	34.0	—	0.34	0.34
				14.38	14.38
Lepomis megalotis	8	32.5	—	0.13	0.13
				5.86	5.86
Micropterus salmoides	2	33.0	—	0.18	0.18
				6.00	6.00
Micropterus punctulatus	11	30.0	—	0.23	0.23
				8.75	8.75

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